IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): A process for the coammoximation of at least two ketones which comprises reacting a mixture of at least one cyclic ketone and at least one further ketone with ammonia, hydrogen peroxide, a catalyst which essentially consists of silicon, titanium and oxygen, in the presence of a solvent in one step to give a corresponding mixture of ketone oximes.

Claim 2 (Currently Amended): The process as claimed in claim 1, wherein, in addition, at least one ammonium salt is used as a cocatalyst.

Claim 3 (Currently Amended): The process as claimed in ~~one of the preceding claims~~ claim 1, wherein ~~use is made of~~ a mixture of two or more cyclic ketones selected from the group consisting of cyclic ketones having 5 to 20 carbon atoms is utilized.

Claim 4 (Currently Amended): The process as claimed in claim 3, wherein ~~use is made of~~ a mixture of two or more cyclic ketones selected from the group consisting of cyclic ketones having 6 to 12 carbon atoms is utilized.

Claim 5 (Currently Amended): The process as claimed in claim 4, wherein, as mixture of cyclic ketones, ~~use is made of~~ a mixture of cyclohexanone and cyclododecanone is utilized.

Claim 6 (Currently Amended): The process as claimed in ~~at least one of the preceding claims~~ claim 1, wherein ~~use is made of~~ ammonia at a concentration of at least 20% in water, or pure ammonia is utilized.

Claim 7 (Currently Amended): The process as claimed in ~~at least one of the preceding claims~~ claim 1, wherein aqueous hydrogen peroxide is used at a concentration of 10-70%.

Claim 8 (Currently Amended): The process as claimed in ~~at least one of the preceding claims~~ claim 1, wherein the catalyst used is titanium silicalite.

Claim 9 (Currently Amended): The process as claimed in ~~one of the preceding claims~~ claim 1, wherein, as a cocatalyst, ~~use is made of~~ an ammonium salt of a mineral acid and/or of a carboxylic acid is utilized.

Claim 10 (Currently Amended): The process as claimed in ~~one of claims 2 to 9~~ claim 2, wherein the cocatalyst is generated in the reaction mixture in situ from a Brönsted acid and ammonia.

Claim 11 (Currently Amended): The process as claimed in ~~one of claims 2 to 10~~ claim 2, wherein the at least one ammonium salt is present in the reaction mixture at a concentration of 0.001 to 1 mol/kg.

Claim 12 (Currently Amended): The process as claimed in ~~one of the preceding~~ ~~claims~~ claim 1, wherein~~, as solvent, use is made of~~ an at least partially water-miscible solvent, or a water-immiscible solvent is utilized as the solvent.

Claim 13 (Currently Amended): The process as claimed in claim 12, wherein, ~~when~~ a water-immiscible solvent ~~is used, in addition~~ is utilized in combination with an interphase contactor ~~is used~~.

Claim 14 (Currently Amended): The process as claimed in claim 13, wherein, ~~as interphase contactors, use is made of~~ the interphase contactor comprises alkanesulfonates and/or quaternary ammonium salts utilized at a concentration of 0.01 to 5% by weight, based on the total reaction mixture.

Claim 15 (Currently Amended): The process as claimed in ~~one of the preceding~~ ~~claims~~ claim 1, wherein the reaction temperature is in the range from 20 to 150°C.

Claim 16 (Currently Amended): The process as claimed in claim 15, wherein the reaction temperature is in the range from 50 to 120°C~~, preferably in the range from 60 to 100°C~~.

Claim 17 (Currently Amended): The process as claimed in ~~one of the preceding~~ ~~claims~~ claim 1, wherein the coammoximation is carried out in a continuous or in a batchwise reaction system.

Claim 18 (Currently Amended): The process as claimed in ~~one of the preceding claims~~ claim 1, wherein the reaction is carried out at a pressure of 1 to 10 bar.

Claim 19 (Currently Amended): ~~The use of a mixture of cyclic ketone oximes obtained as claimed in claim 1 to 18~~ A method for preparing lactams by Beckmann rearrangement comprising utilizing the mixture of ketone oximes prepared by the process as claimed in claim 1.

Claim 20 (Currently Amended): The ~~use~~ method as claimed in claim 19, wherein the lactams prepared are at least one selected from the group consisting of[[:]] caprolactam, enantholactam, caprylolactam, pelargonolactam, decanolactam, undecanolactam and laurolactam.